

The invention relates to a fermentation process for the preparation of L-amino acids, especially L-threonine, in which the following steps are carried out:

- 5 a) fermentation of the microorganisms of the family
Enterobacteriaceae producing the desired L-amino acid,
in which microorganisms at least the pckA gene and/or
the open reading frames yjfA and ytfP are, individually
or jointly, attenuated and, in particular, switched
10 off,
- b) enrichment of the L-amino acid in the medium or in the
bacterial cells, and
- c) isolation of the L-amino acid.